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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/023,416	02/13/1998	TADAHIRO OHMI	980150	6923

7590 06/10/2002

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[REDACTED] EXAMINER

FOX, JOHN C

[REDACTED] ART UNIT

[REDACTED] PAPER NUMBER

3753

DATE MAILED: 06/10/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)						
	Examiner John Fox	Art Unit 3753						
	-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --							
<p><b>Period for Reply</b></p> <p>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.</p> <ul style="list-style-type: none"> <li>- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</li> <li>- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</li> <li>- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li> <li>- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).</li> <li>- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</li> </ul>								
<p><b>Status</b></p> <p>1)<input checked="" type="checkbox"/> Responsive to communication(s) filed on <u>5/28/02</u></p> <p>2a)<input type="checkbox"/> This action is FINAL.      2b)<input checked="" type="checkbox"/> This action is non-final.</p> <p>3)<input type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11, 453 O.G. 213.</p>								
<p><b>Disposition of Claims</b></p> <p>4)<input checked="" type="checkbox"/> Claim(s) <u>1-12</u> is/are pending in the application.</p> <p>4a) Of the above claim(s) <u>2-12</u> is/are withdrawn from consideration.</p> <p>5)<input type="checkbox"/> Claim(s) _____ is/are allowed.</p> <p>6)<input checked="" type="checkbox"/> Claim(s) <u>1</u> is/are rejected.</p> <p>7)<input type="checkbox"/> Claim(s) _____ is/are objected to.</p> <p>8)<input type="checkbox"/> Claim(s) _____ are subject to restriction and/or election requirement.</p>								
<p><b>Application Papers</b></p> <p>9)<input type="checkbox"/> The specification is objected to by the Examiner.</p> <p>10)<input type="checkbox"/> The drawing(s) filed on _____ is/are: a)<input type="checkbox"/> accepted or b)<input type="checkbox"/> objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).</p> <p>11)<input type="checkbox"/> The proposed drawing correction filed on _____ is: a)<input type="checkbox"/> approved b)<input type="checkbox"/> disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action.</p> <p>12)<input type="checkbox"/> The oath or declaration is objected to by the Examiner.</p>								
<p><b>Priority under 35 U.S.C. §§ 119 and 120</b></p> <p>13)<input checked="" type="checkbox"/> Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)<input checked="" type="checkbox"/> All b)<input type="checkbox"/> Some * c)<input type="checkbox"/> None of: 1.<input checked="" type="checkbox"/> Certified copies of the priority documents have been received. 2.<input type="checkbox"/> Certified copies of the priority documents have been received in Application No. _____. 3.<input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</p> <p>* See the attached detailed Office action for a list of the certified copies not received.</p>								
<p>14)<input type="checkbox"/> Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a)<input type="checkbox"/> The translation of the foreign language provisional application has been received.</p> <p>15)<input type="checkbox"/> Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.</p>								
<p><b>Attachment(s)</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding-right: 20px;">           1) <input type="checkbox"/> Notice of References Cited (PTO-892)         </td> <td style="width: 50%;">           4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____         </td> </tr> <tr> <td>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</td> <td>5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</td> </tr> <tr> <td>3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____</td> <td>6) <input type="checkbox"/> Other: _____</td> </tr> </table>			1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____	2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)	3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____	6) <input type="checkbox"/> Other: _____
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3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____	6) <input type="checkbox"/> Other: _____							

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This action is responsive to the communication filed May 28, 2002.

The election of Species A in paper no. 27 remains in effect.

Claims 2-12 are withdrawn from further consideration by the examiner, 37 C.F.R. § 1.142(b) as being drawn to a nonelected species. Election of Species A was made without traverse in Paper No. 27.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-2 are rejected under 35 U.S.C. § 103 as being unpatentable over Itafuji (5,819,782) in view of Markulec et al (5,836,355), both of record. Itafuji shows a gas supply system including on/off valves 4 and 6 and MFC 5. The ports of the valves are in a row, see Figures 3 and 8, and the mounting blocks have ports which are coplanar. Itafuji also includes fluid channels 11a, 11b, 11c, 12a, 12b, 12c etc. connecting the inlets and outlets of the various valves. It is not clear if the valves all have the same pattern. Markulec et al shows a similar system and teaches that all of the bases have a standardized face and all of the components, including the valves, have a standardized face such that any component may be mounted to any block, allowing for rapid configuration of a system. It would have been obvious for one of ordinary skill in the art to have used such a

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standardized mounting scheme in the system of Itafuji to similarly allow for a rapid configuration of a system.

Any inquiry concerning this communication should be directed to Examiner Fox at (703) 308-2595 or John.Fox@uspto.gov. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0861. The fax number for Art Unit 3753 is (703) 308-7765. The Supervisory Primary Examiner for Art Unit 3753 is Michael Buiz who can be reached at (703) 308-2580 or at Michael.Buiz@uspto.gov.



JOHN FOX  
PRIMARY EXAMINER  
ART UNIT 3753

jcf  
June 8, 2002